

## 2020 Study Plan Template

### Bachelor of Science (Hydrology)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 108 units of study according to the official Bachelor of Science (Hydrology) course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bscs/bscs-hydr>

Students are responsible for planning their Core, Option and Elective topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at <http://www.flinders.edu.au/topic>.

#### Semester 1 start:

Year 1	S1	<u>STEM1001</u> Nature of STEM (4.5 units)	<u>MATH1121</u> Mathematics 1A (4.5 units)	<u>EASC1101</u> Earth and Environmental Sciences (4.5 units)	One Of: <u>CHEM1101</u> Chemical Structure and Bonding (4.5 units) OR <u>CHEM1201</u> General Chemistry (4.5 units)
	S2	<u>STEM1002</u> Introduction to Geographical Information Systems (4.5 units)	<u>MATH1122</u> Mathematics 1B (4.5 units)	<b>^ Elective Topic</b> (4.5 units)	<b>^ Elective Topic</b> (4.5 units)
Year 2	S1	<u>ENGR2751</u> Fluid Mechanics (4.5 units)	<u>ENVS2761</u>   Hydrology (4.5 units)	<u>EASC3741</u> Physical Hydrogeology (4.5 units)	<u>STEM2001</u> Remote Sensing for all Disciplines (4.5 units)
	S2	<u>EASC2702</u> Global Climate Change (4.5 units)	<u>EASC3742</u> Earth Fluid Modelling (4.5 units)	<b>^ Elective Topic</b> (4.5 units)	<b>^ Elective Topic</b> (4.5 units)
Year 3	S1	<u>EASC3751</u> Hydrochemistry (4.5 units)	<u>ENGR3851</u> Hydraulics and Water Engineering (4.5 units)	<u>STEM3100</u> Research Project in Science (4.5 units)	<b>^ Elective Topic</b> (4.5 units)
	S2	<u>ENVS3750</u> Field Studies in Environmental Disciplines (4.5 units)	<u>ENVS3801</u> Public Health Aspects of Water Quality (4.5 units)	<b>Year Three Option Topic</b>	<b>^ Elective Topic</b> (4.5 units)

**Semester 2 start:**

Year 1	S2	<a href="#">STEM1002</a> Introduction to Geographical Information Systems (4.5 units)	<a href="#">MATH1121</a> Mathematics 1A (4.5 units)	<b>^ Elective Topic</b> (4.5 units)	<b>^ Elective Topic</b> (4.5 units)
	S1	<a href="#">STEM1001</a> Nature of STEM (4.5 units)	<a href="#">MATH1122</a> Mathematics 1B (4.5 units)	<a href="#">EASC1101</a> Earth and Environmental Sciences (4.5 units)	One Of: <a href="#">CHEM1101</a> Chemical Structure and Bonding (4.5 units) OR <a href="#">CHEM1201</a> General Chemistry (4.5 units)
Year 2	S2	<a href="#">EASC2702</a> Global Climate Change (4.5 units)	<a href="#">EASC3742</a> Earth Fluid Modelling (4.5 units)	<b>^ Elective Topic</b> (4.5 units)	<b>^ Elective Topic</b> (4.5 units)
	S1	<a href="#">ENGR2751</a> Fluid Mechanics (4.5 units)	<a href="#">ENVS2761</a>   Hydrology (4.5 units)	<a href="#">EASC3741</a> Physical Hydrogeology (4.5 units)	<a href="#">STEM2001</a> Remote Sensing for all Disciplines (4.5 units)
Year 3	S2	<a href="#">ENVS3750</a> Field Studies in Environmental Disciplines (4.5 units)	<a href="#">ENVS3801</a> Public Health Aspects of Water Quality (4.5 units)	<b>Year Three Option Topic</b>	<b>^ Elective Topic</b> (4.5 units)
	S1	<a href="#">EASC3751</a> Hydrochemistry (4.5 units)	<a href="#">ENGR3851</a> Hydraulics and Water Engineering (4.5 units)	<a href="#">STEM3100</a> Research Project in Science (4.5 units)	<b>^ Elective Topic</b> (4.5 units)

Key:	
<b>Core Topic</b>	Compulsory topic
<b>Option Topic</b>	A choice from a list of specified topics
<b>^ Elective Topic</b>	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the 108-unit program. Please refer to the course rule for a list of recommended electives. Students are encouraged to enroll in <b>STEM3001 Science Connect</b> as a third-year elective